



Designed to Improve Communication, Build Understanding and Foster Cooperation Between People in Agriculture, the Environment and Government

October 18, 19 and 20, 2004 Boise Centre on the Grove, Boise, Idaho

Understanding Each Other and Working Together for a Better Future

# Agriculture and Water Quality in the Pacific Morthwest

# Conference Announcement

Agriculture and Water Quality in the Pacific Northwest and "Connections", Idaho's Ground WaterTechnical Workshop

Understanding Each Other and Working Together for a Better Future

October 18, 19 and 20, 2004 Boise Centre on the Grove, Boise, Idaho

This conference is designed to improve communication, build understanding, and foster cooperation between people in agriculture, environmental organizations and government.

Attendance to the conference is open to all interested individuals. Agricultural producers, agricultural industry representatives, environmental organization representatives, natural resource managers, scientists, students and private citizens are encouraged to attend and participate in presentations and panel discussions focused on issues surrounding preservation of agriculture and protection of surface and ground water quality in the Pacific Northwest.

Presentations and sessions will include viewpoints from farm owners, agribusiness representatives, government agencies and environmental organizations. Scheduled speakers and topics are listed on the back of this flyer.

Certified Crop Advisor (CCA) Credits have been granted and are listed on the reverse side to the left of the sessions. Pesticide License Recertification Credits (Idaho, Oregon and Washington) have been applied for. Specifics will be on the website by Sept. 1.

#### WATER QUALITY WORKSHOPS

#### WIN<sup>2</sup>ME, Feed Management Education for the Agricultural Pro.

Developing a Nutrient Management Plan (NMP) to meet the new guidelines for Concentrated Animal Feeding Operations and Animal Feeding Operations (CAFO/AFO). The workshop will provide information on feed management concepts and practices that minimize the import of nutrients to the farm and provide economic and environmental sustainability as a model for development of a NMP. Participants will receive an introduction to computer models and software for strategic ration balancing, whole farm nutrient balance, and whole farm economics. Workshop participants will receive a training manual.

#### Living on the Land: "Sustainable" Course for Small-Acre Owners

A course addressing small acreage land units and urban sprawl. As communities grow, land at the urban fringes is being rezoned from large, agricultural enterprises, to parcels of one to forty plus acres maintaining some agricultural uses while attracting a more diverse population of owners. This curriculum addresses important water quality and stewardship issues and targets future leaders who will be instrumental in community decision-making.

Join a bus tour of the surrounding Valley beginning at the Idaho Department of Health's Water Lab; proceeding on to a market garden, a composting site, enjoy a dinner enroute to an early evening stop at a beef producer ranch, a horse operation, or a demonstration of Integrated Pest Management at work. Bring a camera, good walking shoes, and weather appropriate clothing. If you have a Pasture Stick and Weed ID guide, bring along these items.

#### **Isotope Hydrology Class.**

Two-day short course is an abbreviated version of the 5-day USGS Isotope Hydrology course. \$100 dollars, Space Limited, Contact Ed Hagan, Idaho Department of Water Resources, (208) 327-5445

**Agriculture and Water Quality Conference** c/o Far West Agribusiness Association East 111 Magnesium Road, Suite C Spokane, WA 99208

Name for badge:

October 18, 19 and 20, 2004 Soise Idaho

## **REGISTRATION FORM**

You can also register on-line at: www.agwaterqualitynw.org

Fitle:			
Organization:			
Address:			
City:	State	Zip:	
Phone: ()	Fax: ()	Email:	
Payment Information			
Payment includes all session wo lunches	s, breaks, and	Until Sept. 27	After Sept. 27 (door only)
General Attendance		\$140	\$190
Exhibitors (fee includes on	e attendee)	\$175	call for availability
Workshop #1 (limited to 25	5 participants)	\$35	early registration only
☐ Workshop #2 (limited to 25	5 participants)	\$35	early registration only
Make check payable to <i>Agri</i> accepted, please fill out inform purchase order. <b>Registration</b>	nation below for cr	edit card payment. Cal	l first if planning to use
Name on credit card		[	☐ Visa ☐ Mastercard
Credit Card No		Exp	o. Date/
Signature			

Payments received after September 27, 2004 will not be accepted. Registration after September 27, will occur only at the door. No refunds after September 27.

Substitutions are allowed. If you substitute for the person registered above, please phone, Fax or e-mail by September 27, indicating the substitution. Thank You for your assistance!

#### **Agriculture and Water Quality Conference**

c/o Far West Agribusiness Association East 111 Magnesium Road, Suite C Spokane, WA 99208 e-mail: farwest@fwaa.org

Water Quality Workshops				
Note: The workshops cost \$35 (\$50 if				
not registered for conference) and are				
limited to the first 25 participants who				
register for each workshop. Registra-				
tion and payment must be received				
before September 27. Qualifying				
participants will be notified of accep-				
tance and room location prior to the				
conference and must be on the list in				
order to attend one of the workshops.				

Monday, October 18

A block of rooms are reserved at the Statehouse Inn (208) 342-4622

See the other side of the brochure for

workshop specifics.

5:00 p.m. –7:00 p.m. Registration desk open. *Pick up your registration packet early! Avoid Tuesday morning lines.* 

# Tuesday, October 19

7:30 a.m. - 4.45a.m Registration desk open

9:00 a.m .- 9:15a.m Welcome - Opening Remarks 9:15a.m - 10:00a.m Keynote Speaker:

> Senator Mike Crapo United States Senate, Idaho

10:30a.m - 12:00p.m. Town Hall Session 1:

Panel Discussion, State Agriculture Directors

12:00p.m - 1:15p.m. Lunch with Speaker:

Dr. Philip Mote, "Already Feeling Climate Change in the

PNW"

1:30p.m. - 4:45p.m. Concurrent Sessions 4:45p.m. End of Day One

Poster session all day in the Payette River Room

## Wednesday, October 20

7:30 a.m.–2:30 p.m. Registration desk open

8:45 a.m.–9:45 a.m. Keynote Speaker: Ann Klee,

EPA Assistant Administrator

10:15 a.m. –11:45 a.m. Town Hall Session 2:

Panel Discussion, NW ESA Pesticide - Water

Quality Issues

11:45 a.m.–1:00 p.m. Lunch with Speaker:

Read Smith., "Conserva tion for Water Quality"

1:00 p.m. – 4:15 p.m. Concurrent Sessions

4:15 p.m. – 4:30 p.m. Closing Remarks

Door prizes will follow (must be present to win)

Poster session all day in the Payette River Room

Time	Tuesday, October 19 – Session Schedule					
9:00 a.m.		Welcome and Keynote Speaker				
		Senator Mike Crapo - Invited				
	BREAK 10:00 a.m.	BREAK 10:00 a.m	BREAK 10:00 a.m			
10:30 a.m.		Town Hall Session 1 - State Agriculture Agency Directors				
	A Panel Discussion Addressing:	Katy Coba, Director, Oregon				
	Agricultural Issues, Water Quality and Water	Wirk Cook Culotitute for Director Weekington State Department of Assignifican				
	LUNCH 12:00 p.m. Dr. Philip Mote, Univ. of WA Research Scientist, "Is The PNW Already Feeling The Effects of Global Climate Change?					
1:15 p.m.	Summit Room: Ground Water Protection	Salmon River Room: TMDL 1	Snake River Room: Technology 1			
	Detecting/Quantifying Nitrate Impacts to GW by CAFOs Mark Hemingway, Geomatrix Consultants  Evaluating Fecal Coliform Transport of Winter Applied Dairy Slurry  TD Nennich, Washington State University  Does Acrylamide Monomer Percolate Below the Root Zone in PAM Treated Furrow Irrigated Fields Rick Lentz, USDA ARS  Preventing Wellhead Mercury Contamination  Patti Best, Idaho Department of Enviromental Quality	Achieve TMDL Bacterial Goals With Conservation Practices George Boggs, Whatcom SWCD  TMDL Implementation on Winchester Lake Chuck Pentzer, ISCC  Agricultural TMDL Prioritization, BMP Implementation in the Weiser Flat Scott Koberg, IASCD  Almo Riparian Restoration Project Carolyn Firth, IASCD	Isotopic Age Dating of Municipal Water Wells in Lewiston Basin, Implications for SWA and WHP  Kevin M. Brackney, Nez Perce Tribe Environmental Isotope Studies of Waste/Ground Water at Wastewater Land Treatement Sites in Idaho  Joe Baldwin, Idaho Dept. of Environmental Quality Results of Stable Isotope Testing to Determine GW Nitrate Sources Rick Carlson, Idaho State Department of Agriculture Effects of PAM on Weed Seed and Herbicide Movement in Furrow Irrigated Dry Beans  Matthew J. West, USDA, ARS			
	BREAK 2:45 p.m.	BREAK 2:45 p.m.	BREAK 2:45 p.m.			
3:15 p.m.	Revising Well Const. Standards for Water Protection James Rush, Rocky Mountain Environmental Modeling Well Interactions with Canals/Drains RD Schmidt, Idaho Bureau of Reclamation Int. Prespective Maintaining Optimum Well Performance Jim Bailey, Golder Associates Inc. Iodine-129 Conc. in E. Snake River Plain Aquifer Flint Hall, Idaho INEEL	Salmon Room: TMDL 2  Water Quality of the Snake River in Southcentral Idaho Balhtasar Buhidar, Idaho Dept of Environmental Quality Characterize/Simulate Instream Temps of Lower Boise River Brad Gilmore, City of Boise Addressing Phosphorus in the Lower Boise River Watershed Sherril Doran, CH2MHill Cottonwood Creek TMDL Success Eileen Rowan, ISCC	Snake River Room: Technology 2  Blended Well Water Rehabilitation Method  Dr. Abror Gadaev, Dept. Ecology, Samarqand, Uzbekistan  Social/Econ Dimensions, Collaborative TMDL Plan/Implement  Lorie Higgins, University of Idaho  Using Heat to Estimate Streambed Seepage in Lower Boise R.  Kenneth Skinner, USGS, Boise  Streamstats: Web-based App to Estimate Basin Charactoristics  Alan Rea, USGS, Boise			

Time	Wednesday, October 20 – Session Schedule					
8:45 a.m.	Meynote Speaker  Ann Klee, EPA Nominee for Assistant Administrator General Counsel					
	BREAK 9:45 a.m.	BREAK 9:45 a.m.	BREAK 9:45 a.m.			
10:15 a.m.	Town H	Town Hall Session 2 - Northwest ESA - Pesticide - Water Quality Issues				
	A Panel Discussion Addressing: ESA, Pesticide, Water Quality Issues	Arty Williams, EPA Office of Pesticide Programs Branch Chief Seema Mahini, Crop Life America Erika Schreder WA Toxics Coalition - Invited Bridget Moran, WA State Dept of Agriculture				
	LUNCH 11:45 a.m. Read Smith, Crop and Cattle Producer St. John, WA, "Future Conservation Challenges for Water Quality"					
1:00 p.m.	Summit Room: Government Regulation	Salmon Room: BMP Implementation	Snake River Room: Water Management			
	It Ain't the Fish It's the People Rick Gruen, Clackamas Co. SWCD  Trans-Boundary Water Resources in the Inland PNW Bryony Stasney, Golder Associates, Inc.  Fed. Columbia R. Power System Bio Opinion & BOR Subbasin Habitat Program Joe Spinozola, USBOR, Boise  Pesticide Use Near Waterways: NPDES Permitting & ESA Teresa A. Hill, Stoel Rives LLP, Boise  BREAK 2:30 p.m.	Environmental Friendly Farming: Path to WQ Protection Dr. Vida Rutkoviene, Luthuanian Univ. of Agriculture Sulphur Creek/Granger Drain Water Quality Trends Marie Zuroske, S. Yakima SWCD Practical Considerations for BMP Crop Prod. & Sed. Control Mir M. Seyedbagheri, UICES, Mountain Home Soil Quality: A Tool for BMP Effectiveness Eileen Rowan, ISCC  BREAK 2:30 p.m.	Mudlake, Idaho Evapotranspiration/Pumping Vol. Compared Roger Warner, Idaho Dept of Water Resources, ID Falls Thousand Springs/Am Falls Pump Sched Monitor Results Steve Burrell, Idaho Dept of Water Resources, Boise Implement Lg Scale Managed Recharge, ID E Snake R Plain David Blew, IDWR F&WConcerns: Large Scale Manage Recharge ID E Snake R Cindy Robertson, IF&G  BREAK 2:30 p.m.			
2:45 p.m.	Summit Room: Idaho Magic Valley Panel	Salmon Room: Education	Snake River Room: Ground Water Monitoring			
	Idaho Magic Valley Water Management Issues & Solutions  Laird Noh, Co-Chair, Eastern Snake Plain Aquifer Working Group  Dr. Randy MacMillan, Vice-president of Research & Environmental Affairs for Clears Springs Foods Inc.  Lynn Carlquist, Vice Chairman of the North Snake Ground Water District  Karl Dreher, Director, Idaho Department of Water Resources	Nitrate Contamination of Ground Water - Greater Weiser ID  Dennis Lance, Weiser River SWCD  Digital Atlas ID: See & Teach Geology of Boise Area  Paul Link, ID State Univ. Dept. of Geosciences  One Plan Nutrient Management Planner  Wayne Newbill, ID Assoc. of SCD, Boise  Spectacular! Does it Have Water?  Roger Warner, ID Dept. of Water Resources, ID Falls	13 Years of Nitrate/Pesticide Results Idaho Statewide Prog Ken Neely, IDWR Nitrate/Pesticide GW Monitoring Results, 2001 - 2004 Gary Bahr, Idaho State Dept of Agriculture Probability Map - Portray/Prioritize Water Qual. Trends John Welhan, Idaho Geologic Survey, ISU Ground Water/Pesticide Data in WA & Generic PMP Kirk Cook, Washington State Dept of Agriculture			
	Wrap-up / Door Prizes 4:15 p.m.					
		W1ap-ap / Door 1112es 4.13 p.m.				